**Amendments to the Claims**

Please cancel Claims 8 and 9. Please add new Claims 10 and 11. The Claim Listing below will replace all prior versions of the claims in the application:

**Claim Listing**

1. (Canceled)

2. (Previously presented) A mold for forming therein a dental model base useable with a dental articulator, the mold comprising:

a bottom portion having a rear wall and a side wall at a periphery thereof extending upwards to define a cavity, the walls having upper edges defining an opening to the cavity; and

an integral shaping element for forming at a portion of the dental model base a complement to the shaping element, the complement defining a connection element of a pivot mechanism which rotationally mates with a corresponding connection element of the articulator wherein the rear wall includes a first recess and wherein the shaping element comprises a first excurvate cylindrical element in the first recess for forming at the dental model base a stanchion having an incurvature corresponding to the excurvature of the cylindrical element.

3. (Original) The mold of Claim 2 wherein the rear wall further includes a second recess spaced apart from the first recess, the second recess including therein a second shaping element comprising a second excurvate cylindrical element, the excurvature of the first and second excurvate cylindrical elements being coaxial with an axis lying between the recesses and oriented in a transverse relationship to the rear wall.

4. (Previously presented) A mold for forming therein a dental model base useable with a dental articulator, the mold comprising:

a bottom portion having a rear wall and a side wall at a periphery thereof extending upwards to define a cavity, the walls having upper edges defining an opening to the cavity; and

an integral shaping element for forming at a portion of the dental model base a complement to the shaping element, the complement defining a connection element of a pivot mechanism which rotationally mates with a corresponding connection element of the articulator wherein the shaping element comprises a convex portion extending into the cavity for forming a concavity at the dental model base to which concavity the articulator can be attached to form a pivot mechanism.

5. (Original) The mold of Claim 4 wherein the shaping element comprises a pair of convex portions formed at opposing ends of the side wall.

6. (Previously presented) A mold for forming therein a dental model base useable with a dental articulator, the mold comprising:

a bottom portion having a rear wall and a side wall at a periphery thereof extending upwards to define a cavity, the walls having upper edges defining an opening to the cavity; and

an integral shaping element for forming at a portion of the dental model base a complement to the shaping element, the complement defining a connection element of a pivot mechanism which rotationally mates with a corresponding connection element of the articulator wherein the shaping element comprises an excurvate cylindrical element for forming at the dental model base an incurvature corresponding to the excurvature of the cylindrical element.

7. (Original) The mold of Claim 6 wherein the excurvature is on the rear wall and wherein a cylinder axis is oriented in a transverse relationship to the rear wall.

8. (Canceled)

9. (Canceled)

10. (New) A mold for forming therein a dental model base useable with a dental articulator, the mold comprising:

a bottom portion having a rear wall and a side wall at a periphery thereof extending upwards to define a cavity, the walls having upper edges defining an opening

to the cavity, and at a portion of the rear wall, curvate surfaces defining a recess, wherein the axis of curvature of the curvate surfaces is essentially parallel to the rear wall.

11. (New) A mold for forming therein a dental model base useable with a dental articulator, the mold comprising:

a bottom portion having a rear wall and a side wall at a periphery thereof extending upwards to define a cavity, the walls having upper edges defining an opening to the cavity, and at a portion of the rear wall, curvate surfaces defining a recess, wherein the axis of curvature of the curvate surfaces is orientated in a transverse relationship to the rear wall.